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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – APRIL-2018

Time: Three Hours **Max. Marks: 80 Marks**

ANATOMY (Revised Scheme)

Q.P. CODE: 1676

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Name the parts of male genital system. Describe testis in detail
2. Name the parts of central nervous system. Describe the Cerebrum in detail
3. Name the salivary glands. Describe the parotid gland.

SHORT ESSAYS **8 x 5 = 40 Marks**

4. Microscopic structure of tongue
5. Microscopic structure of ovary
6. Neuron
7. Nephron
8. Trachea
9. Peritoneum
10. Vermiform appendix
11. Cubital fossa

SHORT ANSWERS **10 x 2 = 20 Marks**

12. Name the branches of arch of aorta
13. External jugular vein
14. Radial artery
15 Nasal septum
16. Name the parts of pancreas
17. Name the parts of anal canal
18. Name any four sex differences in pelvis
19. Name any four ligaments of knee joint
20. Name the structures present in middle ear
21. Name the parts of eye ball

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – APRIL-2018

Time: 3 Hours **Max. Marks: 40 Marks**

Physiology
Q.P. Code: 1677

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Describe the regulation of respiration.
2. Define blood pressure. Describe the regulation of blood pressure. Add a note on hypertension.

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. What is the composition and functions of gastric juice?
4. Explain the actions of thyroid hormone. Add a note on hypothyroidism.
5. Trace the Pathway for pain. Define referred pain.
6. Explain the errors of refraction.
7. Describe the complications of blood transfusion.

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Mention four functions of saliva.
9. What is Deafness? Mention its types.
10. Draw a neat diagram of Neuron and label its parts.
11. Enumerate two functions of Estrogen.
12. Define GFR. What is its normal value?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – APRIL-2018

Time: 3 Hours **Max. Marks: 40 Marks**

Biochemistry

Q.P. Code : 1678

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Describe the sources, RDA, Functions and deficiency manifestations of Vitamin C
2. Describe the various steps involved in TCA cycle and add a note on its energetics.

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Structure and functions of Disaccharides
4. Classification of proteins based on their functions
5. Name phospholipids and mention their functions
6. Functions of calcium
7. Metabolic acidosis

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Benedict Test
9. Name ketone bodies
10. Name the anticoagulants used for the collection of blood
11. Normal serum levels of (a) Creatinine (b) cholesterol
12. Denaturation of proteins

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – APRIL 2018

Time: Three Hours **Max. Marks: 80 Marks**

MICROBIOLOGY (Revised Scheme)

Q.P. CODE: 1681

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Discuss the pathogenesis and laboratory diagnosis of pulmonary tuberculosis.
2. Mention various methods of sterilization and give an account on moist heat sterilization.
3. Define Antigen- Antibody reactions. Describe agglutination reaction.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Bacterial Capsule
5. Life cycle of Plasmodium vivax in man
6. Candida albicans
7. Transport media
8. Negative staining
9. Cultivation of viruses
10. IgA
11. Mention any five differences between bacteria & viruses.
12. Hospital acquired infection.
13. Acquired Immunity

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Passive immunity
15 Fumigation
16. Name two bacteria causing sexually transmitted disease.
17. Blood agar
18. Gram stain
19. Name two spore-forming bacteria.
20. Use of ELISA test
21. MMR Vaccine
22. Draw a neat labeled diagram of Bacterial Spore.
23. Exotoxin

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL-2018

Time: 3 Hours **Max. Marks: 37 Marks**

Anatomy
Q.P.Code : 1753

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Name the different organs in Endocrine system. Describe the thyroid gland.
2. Name the parts of Digestive system. Describe the stomach under the following headings (a) Situation (b) Surfaces and borders (c) Lymphatic drainage (d) Blood supply.

SHORT ESSAYS (Answer any Three) **3 x 5 = 15 Marks**

3. Tongue
4. Salivary glands
5. Cerebellum
6. Right atrium

SHORT ANSWERS **6 x 2 = 12 Marks**

7. Name the branches of Abdominal aorta
8. Skull bones
9. Name the air sinuses
10. Name the 3 parts of Pharynx
11. Classification of joints
12. Name the cranial nerves in order.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL-2018

Time: 3 Hours **Max. Marks: 38 Marks**

Physiology
Q.P. Code : 1754

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Classify leucocytes. Describe their morphology. Add a note on its function.
2. Name the anterior pituitary hormones. Enumerate the functions of growth hormone and add a note on hyper-secretion of growth hormone.

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. What is normal heart rate? What are the factors affecting heart rate?
4. Chemical regulation of respiration
5. Composition and functions of CSF
6. Describe the phases of gastric secretion.
7. Describe the mechanism of urine formation.

SHORT ANSWERS **4 x 2 = 8 Marks**

8. Tests for ovulation
9. Define bleeding time and clotting time.
10. Referred pain
11. Mention the lung volumes and give its normal value.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL-2018

Time: 3 Hours **Max. Marks: 45 Marks**

Nutrition

Q.P. Code : 1755

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Define proteins. Explain the digestion, absorption, metabolism & storage of proteins.
2. a. Define cooking. Explain the methods of cooking.
   b. Safe methods of handling food

SHORT ESSAYS (Answer any Five) **5 x 5 = 25 Marks**

3. Goals of National nutritional policy
4. Functions of carbohydrates
5. Balanced diet for a toddler
6. Factors affecting Nutrition
7. Water balance in the body
8. Riboflavin

SHORT ANSWERS **5 x 2 = 10 Marks**

9. Body mass Index (BMI)
10. Thiamine
11. Exclusive breast feeding
12. Food additives
13. Sources of Iron

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL-2018

Time: 3 Hours **Max. Marks: 30 Marks**

Biochemistry

Q.P. Code: 1756

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Describe the sources, biochemical functions, requirement and deficiency manifestations of Vitamin C.
2. Describe the structural organization of proteins. Add a note on the importance of primary structure.

SHORT ESSAYS (Answer any Two) **2 x 5 = 10 Marks**

3. Fluid mosaic model of cell membrane
4. Metabolic acidosis
5. Urea cycle

SHORT ANSWERS (Answer all) **5 x 2 = 10 Marks**

6. Define essential fatty acids and give examples.
7. Mention two enzymes of diagnostic importance in liver diseases.
8. Coenzyme forms of Thiamine and Pantothenic acid
9. Mention two causes of Glycosuria.
10. Give the normal values of
    a. Serum Creatinine
    b. Serum Urea

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – APRIL-2018

Time: Three Hours **Max. Marks: 75 Marks**

NURSING FOUNDATION (RS - 3)

Q.P. CODE: 1757

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. a) What is profession?
   b) What are the characteristics of profession?
   c) Explain nursing as a profession.
2. a) Define oral hygiene.
   b) List the purposes of giving oral hygiene.
   c) Explain the complications of neglected mouth.
3. a) Define infection.
   b) Explain the chain of infection.
   c) Explain the role of nurse in prevention of nosocomial infection.

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Explain the Role of a nurse in promoting holistic health.
5. What are the factors affecting variations in blood pressure.
6. Write about complications of hot and cold application.
7. Explain the Barriers for effective communication.
8. Explain the Care of rubber goods.
9. Define hospital. Write about the classification of hospital.
10. What are the characteristics of nursing process?
11. Write the principles of Records and reports.
12. Define Sterilization. Explain various methods in sterilizing equipment in a hospital.

SHORT ANSWERS **10 x 2 = 20 Marks**

13. List the different types of Restrains.
14. Define Weaning.
15. Types of Suppository
16. What is Gavage?
17. Define Incontinence.
18. List the range of motion exercises.
19. List and explain the rights of medication administration.
20. List four methods of physical examination.
21. List six qualities of nurse.
22. Purposes of Cardiac bed

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL-2018

Time: Three Hours **Max. Marks: 75 Marks**

PSYCHOLOGY (RS - 3)

Q.P. CODE: 1758

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define motivation. Explain any three theories of motivation.
2. Define attention. Explain the factors determining attention.
3. Define personality. Explain Freud's theory of personality.

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Applied branches of psychology
5. Non-verbal tests of intelligence
6. Laws of learning
7. Errors of perception
8. Personal motives
9. Types of emotions
10. Development of attitudes
11. Tools of thinking
12. Types of counselling

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Division of attention
14. Types of intelligence
15. Factors influencing perception
16. Stress
17. Objective observation
18. Components of attitude
19. Perception
20. Childhood
21. Personality inventories
22. Aptitude

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL-2018

Time: Three Hours **Max. Marks: 75 Marks**

MICROBIOLOGY (RS - 3)
Q.P. CODE: 1759

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define sterilization. Classify. Explain moist heat in detail.
2. Define immunity. Classify. Explain innate immunity with mechanism.
3. Define Hospital acquired infection. Discuss the hospital infection control programme with the role of nurse in that.

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Gram staining
5. Bacterial cell wall
6. Growth curve
7. Prophylaxis of poliomyelitis
8. Lab diagnosis of cholera
9. Candida albicans
10. Infections and diseases caused by Staphylococcus aureus
11. Life cycle of malaria
12. Type IV hypersensitivity

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Define transport media. Give two examples.
14. Define anaerobic bacteria. Give two examples,
15. Name four diseases transmitted by mosquito bite.
16. BCG vaccine
17. Mention four contributions of Robert Koch.
18. Antibiotic Sensitivity test
19. Mention any two sexually transmitted diseases.
20. Types of culture medias
21. Cultivation of viruses
22. Name any two parasites.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination –SEP-2018

Time: Three Hours **Max. Marks: 80 Marks**

ANATOMY (Revised Scheme)

Q.P. CODE: 1676

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Name the parts of Male reproductive system. Describe testis in detail.
2. Describe Brachial plexus in detail.
3. Describe blood supply of heart in detail.

SHORT ESSAYS **8 x 5 = 40 Marks**

4. Tongue
5. Urinary bladder
6. Great saphenous vein
7. Connective tissue
8. Large intestine
9. Patella
10. Trachea
11. Great saphenous vein

SHORT ANSWERS **10 x 2 = 20 Marks**

12. Name four flexor muscles of forearm
13. Name four branches abdominal aorta
14. Draw neat labeled diagram of cell
15 Name paranasal sinuses
16. Differences between collagen and elastic fibers
17. Name ear ossicles
18. Name the structures in the hilum of the kidney
19. Histology of lymph node
20. Name bones forming ankle joint
21. Sternal angle

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – OCT-2018

Time: 3 Hours **Max. Marks: 40 Marks**

Physiology
Q.P. Code: 1677

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Classify Leukocytes. Describe the morphology and functions of leukocytes.
2. Describe the mechanism of transmission of impulse across neuromuscular junction.

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Describe the conducting system of the heart.
4. Define GFR. Describe the factors regulating GFR.
5. Neuroglia
6. Explain the various lung volumes and capacities.
7. Describe the functions of thyroid hormones.

SHORT ANSWERS **5 x 2 = 10 Marks**

8. What is Tubectomy?
9. Define Hypoxia. Mention its types.
10. Draw a neat diagram of nephron and label the parts.
11. Enumerate two functions of progesterone.
12. Define blood pressure. What is its normal value?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – OCT-2018

Time: 3 Hours **Max. Marks: 40 Marks**

Biochemistry
Q.P. Code: 1678

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Write the reactions of Glycolysis. Add a note on its energetics.
2. Give the sources, RDA, functions and deficiency manifestations of Vitamin A.

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Classify proteins based on their functions.
4. Define Basal Metabolic Rate (BMR). Add a note on the factors affecting basal metabolic rate.
5. Biologically important compounds formed from Glycine.
6. Digestion of lipids
7. Renal function tests.

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Beri-beri
9. Vanden Bergh Test.
10. Benedict's Test.
11. Marker enzymes of myocardial infarction.
12. Normal Serum levels of.
    (a) Cholesterol (b) Random Glucose.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – SEP-2018

Time: Three Hours **Max. Marks: 80 Marks**

Microbiology (Revised Scheme)
Q.P. CODE: 1681

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define sterilisation. Enumerate the various methods of sterilisation using moist heat. Describe in detail the working of an autoclave.
2. Enumerate the Hepatitis viruses. Write in detail the laboratory diagnosis of acute Hepatitis B. Add a note on its prophylaxis.
3. Describe in detail the morphology, cultural characteristics and laboratory diagnosis of Diphtheria. Add a note on its immunoprophylaxis.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Bacterial spore
5. Type IV hypersensitivity
6. Cyst of Entamoeba histolytica
7. Life cycle of Taenia saginata
8. Difference between bacteria and viruses
9. Stool examination for parasitic ova and cyst
10. Significant bacteriuria
11. Clostridium tetani
12. Sterilisation by radiation
13. VDRL test

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Name two viruses causing diarrhoea.
15 Trichomonas vaginalis
16. Define iatrogenic infection with an example.
17. Negative staining
18. Define biological vector with an example.
19. List four nematodes found in the intestine.
20. Name two differences between exotoxin and endotoxin.
21. Name two transport media.
22. Malignant pustule
23. Name two infections caused by Candida albicans

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – OCT-2018

Time: 3 Hours **Max. Marks: 37 Marks**

Anatomy
Q.P. Code : 1753

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. List the joints of the upper limb. Explain the shoulder joint in detail.
2. Explain the gross and the microscopic structure of the kidney.

SHORT ESSAYS (Answer any Three) **3 x 5 = 15 Marks**

3. Cytoplasm
4. Middle
5. Duodenum
6. Ventricles of the brain

SHORT ANSWERS **6 x 2 = 12 Marks**

7. Tongue-Features
8. Reflex arc
9. Pericardium
10. Sinoatrial node
11. Cartilage
12. Salivary glands

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I Year B.Sc. Nursing Degree Examination – OCT-2018

Anatomy
Q.P. Code : 1753

CORRECTIONS

Read Question No.4 as follows:

4. Middle Ear

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – OCT-2018

Time: 3 Hours **Max. Marks: 38 Marks**

Physiology
Q.P. Code : 1754

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Describe the composition and functions of gastric juice.
2. Describe the mechanism of respiration.

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Functions of hypothalamus
4. Describe the functions of thyroid hormone.
5. What is GFR? Describe its regulation.
6. Define cardiac output. Explain the factors regulating cardiac output.
7. Describe the events occurring at Neuro muscular junction.

SHORT ANSWERS **4 x 2 = 8 Marks**

8. Name two anti coagulants. What is their mechanism of action?
9. What is Hypermetropia?
10. What is the normal pulse rate? Mention two causes for increase in pulse rate.
11. Draw the normal ECG. Label its parts.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP-2018

Time: 3 Hours **Max. Marks: 45 Marks**

Nutrition

Q.P. Code: 1755

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. a) What is food hygiene? (2+5+3)
   b) Explain the process involved in maintaining milk and meat hygiene.
   c) List the essential hygienic requirements of food handlers.
2. Describe the functions, dietary sources, daily requirements and deficiency of Water Soluble Vitamins.

SHORT ESSAYS (Answer any Five) **5 x 5 = 25 Marks**

3. Discuss the Iodine deficiency and its prevention and control.
4. List the food groups system and how are they beneficial in diet planning.
5. Briefly explain the functions, dietary sources, daily requirements and deficiency of proteins.
6. Discuss the role of nutrition in maintaining health.
7. Explain the methods of cooking.
8. Diet in pregnancy

SHORT ANSWERS **5 x 2 = 10 Marks**

9. Sources of Dietary fibre
10. List the agencies of food and nutrition.
11. Water intoxication
12. Food additives
13. Cholesterol

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP-2018

Time: 3 Hours **Max. Marks: 30 Marks**

Biochemistry

Q.P. Code : 1756

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Describe glycolysis. Add a note on its energetics.
2. Describe the sources, RDA, biochemistry, functions and deficiency manifestations of Vitamin D.

SHORT ESSAYS (Answer any Two) **2 x 5 = 10 Marks**

3. Competitive inhibition with examples
4. Name plasma proteins and mention their functions.
5. Define Electrophoresis. Mention the factors affecting, types and uses of Electrophoresis.

SHORT ANSWERS (Answer all) **5 x 2 = 10 Marks**

6. Pellagra
7. Compounds synthesized from cholesterol
8. Essential amino acids
9. Benedict's test
10. Mention the normal serum levels of (a) Urea (b) Creatinine (c) Potassium (d) Chloride

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – SEP-2018

Time: Three Hours **Max. Marks: 75 Marks**

NURSING FOUNDATION (RS - 3)

Q.P. CODE: 1757

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. a) Define nursing.
   b) What are the characteristics of nursing profession?
   c) What are the qualities of a professional nurse? (2+4+4)

2. a) Define blood pressure
   b) What are the factors influencing blood pressure?
   c) Explain the procedure of assessing blood pressure. (2+3+5)

3. a) What are the types of wounds?
   b) Discuss the factors affecting wound healing. (3+7)

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Nursing care of a patient with fever
5. Barriers of communication
6. Principles of body mechanics
7. Responsibilities of a nurse during discharge of a patient
8. Types of abnormal respiration
9. Records maintained in the hospital
10. Levels of disease prevention
11. Nursing diagnosis
12. Types of hospital wastes

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Principles of Sterilization
14. What is Barrier nursing?
15. Define Passive immunity.
16. Activities of daily living (ADLS)
17. Common sites used in Intravenous infusion
18. Meaning and any two purposes of Unoccupied bed
19. Any four sties used for recording pulse
20. Define Supine position
21. Purpose of using Water mattress
22. Principles used in Gastric gavage

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP-2018

Time: Three Hours **Max. Marks: 75 Marks**

PSYCHOLOGY (RS - 3)

Q.P. CODE: 1758

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define learning. Describe classical conditioning and enumerate its educational implications.
2. What are defense mechanisms? List and explain some of the defense mechanisms.
3. Define psychology. Explain briefly the methods of psychology.

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Role of heredity and environment in causing individual differences
5. Types of attention
6. Freud’s theory of psychosexual development
7. Uses of psychological tests
8. Changes that take place in emotions
9. Counselling
10. Maslow’s hierarchy of needs
11. Psychology and the nurse
12. Illusion and hallucination

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Questionnaire
14. Mental health
15. Uses of intelligence tests
16. Superego
17. Emotions and motivation
18. Extra sensory perception
19. Adolescence
20. Span of attention
21. Projective technique
22. Stressors

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP-2018

Time: Three Hours **Max. Marks: 75 Marks**

MICROBIOLOGY (RS - 3)
Q.P. CODE: 1759

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define disinfectants. Mention general rules for use of disinfectants. Describe disinfectant of surfaces.
2. Define and classify Immunity. Write about acquired Immunity.
3. Classify Mycobacteria. Discuss the pathogenesis and laboratory diagnosis of pulmonary tuberculosis.

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Bacterial spore.
5. Prophylaxis of poliomyelitis.
6. Infections caused by Staphylococci aureus.
7. Laboratory diagnosis of bacterial meningitis.
8. Dermatophytosis.
9. Universal Precautions.
10. Cultivation of viruses.
11. Anaerobic method of cultivation.
12. Life-cycle of Ascaris lumbricoides.

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Bacterial capsule
14. Define bacteremia and septicaemia.
15. Draw a neat labeled diagram of Immunoglobulin-A (IgA).
16. Name two specific diagnostic tests for syphilis.
17. Draw a neat labeled diagram of trophozoite of Giardia lamblia.
18. Name four DNA viruses.
19. Name any four disinfectant agents.
20. Mention four contributions of Louis Pasteur.
21. Name four Zoonotic diseases.
22. Name two bacterial sexually transmitted diseases.

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